



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/748,689	12/30/2003	Robert L. Dahlstrom	038069-0102	1984
23524 7590 06/01/2007 FOLEY & LARDNER LLP 150 EAST GILMAN STREET P.O. BOX 1497 MADISON, WI 53701-1497			EXAMINER ALAM, UZMA	
			ART UNIT 2157	PAPER NUMBER
			MAIL DATE 06/01/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	10/748,689	DAHLSTROM ET AL.	
	Examiner	Art Unit	
	Uzma Alam	2157	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 December 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-90 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-90 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 30 December 2003 is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>9/30/04</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

This action is responsive to the application filed on December 30, 2003. Claims 1-90 are pending. Claims 1-90 represent a method for providing content access control to access the Internet.

Claim Rejections - 35 USC § 112

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claim 6 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.
3. Claim 6 recites the limitation "the method" in claim 6. There is insufficient antecedent basis for this limitation in the claim.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Art Unit: 2157

5. Claims 1-90 are rejected under 35 U.S.C. 102(e) as being anticipated by Humes US Patent No. 6,539,430. Humes teaches the invention as claimed including a system and method for filtering data received by a computer system (see abstract).

As per claim 1, Humes teaches a method of controlling access to the Internet, the method comprising:

sending identification information for a user from a client computer to an Internet access control web server (client computer [120] connecting to server proxy/cache [110] column 2, lines 58-65; column 3, lines 43-58; column 6, lines 4-6);

receiving user web access settings from the Internet access control web server at the client computer, wherein the user web access settings comprise a level of access allowed for the user in at least one category of content (user threshold set at 50, but can be changed; column 6, line 4-6);

intercepting an Internet access request initiated by an application used at the client computer by the user (proxy/cache receiving URL from client; column 2, lines 58-65; column 3, lines 20-35);

extracting a Uniform Resource Locator (URL) from the Internet access request at the client computer (receiving a URL from a client (column 3, lines 20-35);

sending the URL to the Internet access control web server from the client computer (the web server receiving the URL; column 3, line 20-35);

receiving URL ratings from the Internet access control web server at the client computer, wherein the URL ratings comprise a rating level in at least one category of content (sending

Art Unit: 2157

category and total value time counts for the URL ratings; column 4, lines 1-25; column 5, lines 56-67; column 7, lines 66-67; column 8, lines 1-5);

comparing the URL ratings to the user web access settings at the client computer (comparing the rating with the set user threshold; column 4, lines 1-25; column 6, lines 3-7); and determining if access to the URL should be granted (sending the URL or restricting access to the URL; column 3, lines 20-35; column 4, lines 1-25).

As per claim 70, Humes teaches a computer program product for controlling access to the Internet comprising:

computer code configured to: prompt a user for identification information (client computer [120] connecting to server proxy/cache [110] column 2, lines 58-65; column 3, lines 43-58; column 6, lines 4-6);

send the identification information to an Internet access control web server, receive user web access settings from the Internet access control web server, wherein the user web access settings comprise a level of access allowed for the user in at least one category of content (user threshold set at 50, but can be changed; column 6, line 4-6);

intercept an Internet access request initiated by an application used at the client computer by the user (proxy/cache receiving URL from client; column 2, lines 58-65; column 3, lines 20-35);

send a Uniform Resource Locator (URL) extracted from the Internet access request to the Internet access control web server (the web server receiving the URL; column 3, line 20-35);

Art Unit: 2157

receive URL ratings from the Internet access control web server, wherein the URL ratings comprise a rating level in at least one category of content (sending category and total value time counts for the URL ratings; column 4, lines 1-25; column 5, lines 56-67);

compare the URL ratings to the user web access settings, and determine if access to the URL should be granted (sending the URL or restricting access to the URL; column 3, lines 20-35; column 4, lines 1-25).

As per claim 2, Humes teaches the method of claim 1, further comprising sending the Internet access request to a client computer networking layer, if access is granted (column 5, lines 4-30).

As per claim 3, Humes teaches the method of claim 2, further comprising editing the Internet access request to remove the URL and to include a user appropriate URL and sending the edited Internet access request to the client computer networking layer, if access is not granted (sending a forbidden message in place of the restricted items; column 2, lines 45-56; column 5, lines 4-30; column 7, lines 59-65).

As per claims 4 and 6, Humes teaches the method of claims 3 and 6, further comprising:
storing the URL in a cache at the client computer (storing the URL in a cache; column 1, lines 53-56; column 4, lines 26-30, 65-67)

Art Unit: 2157

storing the URL in the cache as disallowed, if access is not granted (column 3, lines 5-11; column 6, lines 30-39);

storing the URL in the cache as allowed, if access is granted (column 3, lines 34-38);

intercepting an additional Internet access request initiated by an application used at the client computer by the user (proxy/cache receiving URL from client; column 5, lines 31-41);

extracting an additional URL from the additional Internet access request at the client computer (column 5, lines 31-41);

comparing the additional URL to each URL in the cache until the additional URL matches a URL stored in the cache or until the additional URL has been compared to each URL in the cache (comparing the rating with the set user threshold; column 5, lines 42-50);

sending the Internet access request to the client computer networking layer, if the additional URL matches a URL stored in the cache that was stored as allowed (the web server receiving the URL; column 5, lines 31-41);

editing the additional Internet access request to remove the additional URL and to include the user appropriate URL, if the additional URL matches a URL stored in the cache that was stored as disallowed (sending the URL or restricting access to the URL; column 5, lines 4-30);

sending the edited additional Internet access request to the client computer networking layer, if the additional URL matches a URL stored in the cache that was stored as disallowed (column 5, lines 42-50); and

clearing the cache when the user logs out from the Internet access control system at the client computer (column 5, lines 31-41).

Art Unit: 2157

As per claim 5, Humes teaches the method of claim 1, further comprising:

receiving a user web access override list from the Internet access control web server at the client computer, wherein the user web access override list comprises URLs to which the user is allowed access and URLs to which the user is not allowed access (access/deny list column 3, lines 20-35);

comparing the URL to the user web access override list at the client computer; determining if access to the URL should be granted at the client computer (comparing the URL to access/deny list; column 6, lines 51-67);

sending the Internet access request to a client computer networking layer, if access is granted; editing the Internet access request to remove the URL and to include a user appropriate URL, if access is not granted (column 5, lines 4-30); and

sending the edited Internet access request to the client computer networking layer, if access is not granted (sending a forbidden message in place of the restricted items; column 2, lines 45-56; column 5, lines 4-30; column 7, lines 59-65).

As per claim 7, Humes teaches the method of claim 1, wherein the user web access settings and the URL ratings further comprise context settings for at least one category of content (ratings for a category; column 5, lines 56-67; column 8, lines 63-67).

As per claim 8, Humes teaches the method of claim 7, wherein the context settings comprise a setting that the URL contains material of artistic value (column 6, lines 30-39;

Art Unit: 2157

column 8, lines 63-67)

As per claim 9, Humes teaches the method of claim 7, wherein the context settings comprise a setting that the URL contains material of educational value (column 6, lines 30-39; column 8, lines 63-67)

As per claim 10, Humes teaches the method of claim 7, wherein the context settings comprise a setting that the URL contains material of medical value (column 6, lines 30-39; column 8, lines 63-67).

As per claim 11, Humes teaches the method of claim 7, wherein the category of content comprises a language category (languages; column 5, line 62; column 8, lines 63-67).

As per claim 12, Humes teaches the method of claim 11, wherein the language category of content comprises a plurality of selectable language content levels and a selectable context setting to optionally override the selected language content level (column 6, lines 4-39; column 8, lines 63-67)

As per claim 13, Humes teaches the method of claim 7, wherein the category of content comprises a nudity and sex category (column 6, lines 8-15; column 8, lines 63-67).

As per claim 14, Humes teaches the method of claim 13, wherein the nudity and sex category of content comprises a plurality of selectable nudity and sex content levels and a selectable context setting to optionally override the selected nudity and sex content level (column 6, lines 4-39).

As per claim 15, Humes teaches the method of claim 7, wherein the category of content comprises a violence category (column 5, lines 60-62).

As per claim 16, Humes teaches the method of claim 15, wherein the violence category of content comprises a plurality of selectable violence content levels and a selectable context setting to optionally override the selected violence content level (column 6, lines 4-39).

As per claim 17, Humes teaches the method of claim 15, wherein the violence category comprises a human being violence category (column 5, lines 60-62).

As per claim 18, Humes teaches the method of claim 15, wherein the violence category comprises an animal violence category (column 5, lines 60-62).

As per claim 19, Humes teaches the method of claim 15, wherein the violence category comprises a fantasy character violence category (column 5, lines 60-62).

Art Unit: 2157

As per claim 20, Humes teaches the method of claim 1, wherein the user web access settings and the URL ratings further comprise at least one restrictive category of content that may be either allowed or disallowed (column 5).

As per claim 21, Humes teaches the method of claim 20, wherein the at least one restrictive category of content is auctions, drug advocacy, entertainment, illegal activities, gambling, games, Gay and Lesbian information, discriminatory speech, information concerning higher education, intimate apparel, information concerning mysticism, news, personal advertisements, personal websites, politics, religion, sex education, shopping, sports, information concerning suicide, weapon promotion, material that may disturb young children, material that may set a bad example for young children, adult sexual material, job search/careers, travel/tourism and vacation, motor vehicles, or stocks and investing (column 4, lines 1-25).

As per claim 63, Humes teaches the system of claim 39, wherein the Internet access control web server further comprises an account manager configured to add a user account, to edit the user account, and to delete the user account (column 5, lines 1-14)

As per claim 64, Humes teaches the system of claim 63, wherein the user account comprises identification information (column 6, lines 4-7; column 9, lines 1-3)

As per claim 65, Humes teaches the system of claim 64, wherein the user account further comprises web access settings comprising a level of access allowed for the user account in at

Art Unit: 2157

least one category of content (column 6, lines 60-39).

As per claim 66, Humes teaches the system of claim 65, wherein the user account further comprises context settings for at least one category of content comprising overrides to the level of access allowed for the user account in the category of content (column 6, lines 30-40; column 9, lines 1-3)

As per claim 67, Humes teaches the system of claim 66, wherein the user account further comprises at least one restrictive category of content that may be either allowed or disallowed for the user account (column 6, lines 60-39).

As per claim 68, Humes teaches the system of claim 67, wherein the user account further comprises a user web access override list, wherein the user web access override list comprises URLs to which the user account is allowed access and URLs to which the user account is not allowed access (column 6, lines 60-39; column 9, lines 1-3)

As per claim 69, the system of claim 68, wherein the user account further comprises an appropriate URL for including in an Internet access request (column 6, lines 60-39; column 9, lines 1-3).

Claims 22-38, 39-62, and 71-90 are rejected under the same rationale as claims 1-21 because they claim a method for a web server, system and computer program code of the method for the client computer claimed by claims 1-21.

Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.
7. Cragun et al. US Patent No. 5,832,212
8. Gusler et al. US Patent No. 6,917,980.
9. Freund US Patent No. 5,987,611.
10. Hoashi et al. US Patent No. 6,976,070.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Uzma Alam whose telephone number is (571) 272-3995. The examiner can normally be reached on Monday-Tuesday 5:30 AM - 2:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on (571) 272-4001. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

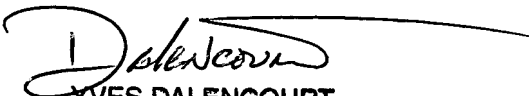
Art Unit: 2157

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Uzma Alam

Ua

May 22, 2007


YVES DALENCOURT
PRIMARY EXAMINER
TECHNOLOGY CENTER 2100